

TOSHIBA

HOME CINEMA CATALOGUE 2004 - 5

TELEVISION PLASMA LCD PROJECTOR DVD VIDEO



true
experience





stasia

www.stasia.net **A Stasia™ screen will make a dramatic impression. Each model has been moulded from a stunning blend of cutting edge design and state-of-the-art technology to create an incredible audio-visual sensation.**

Uniformly stylish, with a super-slim display enhanced by integrated stereo speakers, each model is just as much an art piece as a functional television, designed to fit into any environment with the minimum of effort.

The Stasia collection comprises LCD and Plasma screen technologies with a choice of screen sizes from 34cm to 107cm, widescreen or 4:3 formats, Toshiba's advanced Active Vision LCD and Crystalline™ image

enhancement technologies, and options including integrated digital tuner or DVD video. Selected models also feature new industry-standard digital interface connections, HDMI and DVI.

These choices aside, each model offers a combination of image quality, audio impact, connection versatility and stylish sophistication to create a truly desirable home accessory.

What is Active Vision LCD?

Although it is important for a television to have a high performance LCD panel, it is absolutely essential to have a high performance picture processing system.

The application of Toshiba's unique Active Vision LCD technology to LCD screens produces a stunning picture by enhancing four essential aspects of a television image:

Detail – Active Vision LCD can reproduce 3 times more pixels than a conventional LCD TV

Colour – Active Vision LCD can reproduce 4 times more colour tones than a conventional LCD TV

Movement – Using Real Speed Progressive technology, Active Vision LCD dramatically reduces jagged edges on lines and detail during fast-moving scenes

Contrast – Active Vision LCD automatically adjusts contrast levels to increase picture definition

Active Vision
LCD

true vision



PLASMA TV

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42WP46 – 107cm screen
Plasma Widescreen TV

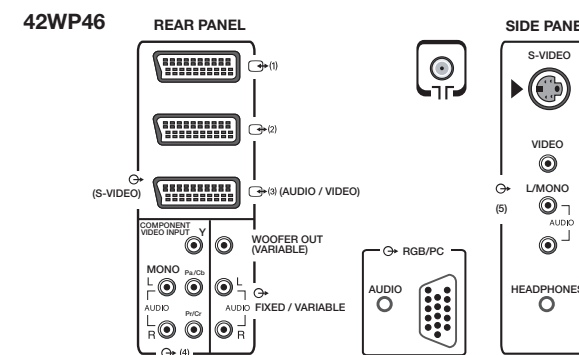
- Resolution: WVGA (852x480 pixels)
- High contrast ratio: 3000:1
- High brightness: 1000cd/m²
- Real digital picture processing
- Multi-standard tuner
- BBE® high fidelity sound, Nicam, 20W RMS
- 2 component video inputs



Plasma Display

Plasma technology uses thousands of tiny fluorescent lights (phosphors) to create a large image with minimal screen depth. Picture performance is impressive with incredibly sharp, flicker-free images and outstanding bright colours.

A plasma screen with high specifications for Contrast Ratio, Brightness Level and Resolution will offer strong images in any lighting environment.



Product design and specification subject to change or modification without notice. Screen tint for illustration purposes only. For detailed specifications see page 62.



32WL48 – 82cm screen
Stasia **LCD** Widescreen TV

32WL46 – 82cm screen
26WL46 – 66cm screen
Stasia **LCD** Widescreen TV

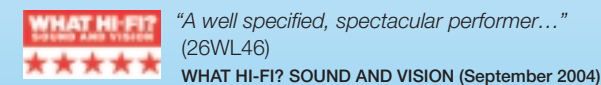
23WL46 – 58cm screen
17WL46 – 43cm screen
Stasia **LCD** Widescreen TV

LCD TV

Resolution: WXGA (1366x768 pixels)
Active Vision LCD image processing technology
Contrast ratio: 600:1
Brightness: 500cd/m²
Multi-standard tuner
BBE® sound, Nicam, 20W RMS
HDMI™ connectivity
2 component video input

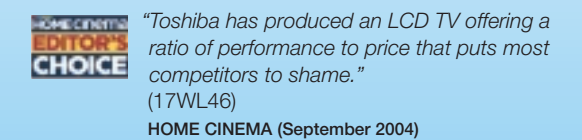


Resolution: WXGA (1366x768 pixels)
Active Vision LCD image processing technology
Contrast ratio: 800:1
Brightness: 500cd/m²
Multi-standard tuner
BBE® sound, Nicam, 20W RMS
2 component video input



"A well specified, spectacular performer..."
(26WL46)
WHAT HI-FI? SOUND AND VISION (September 2004)

Resolution: WXGA (1280x768 pixels)
Contrast ratio: 400:1
Brightness: 450cd/m²
Multi-standard tuner
Nicam, 6W RMS
2 RGB SCART



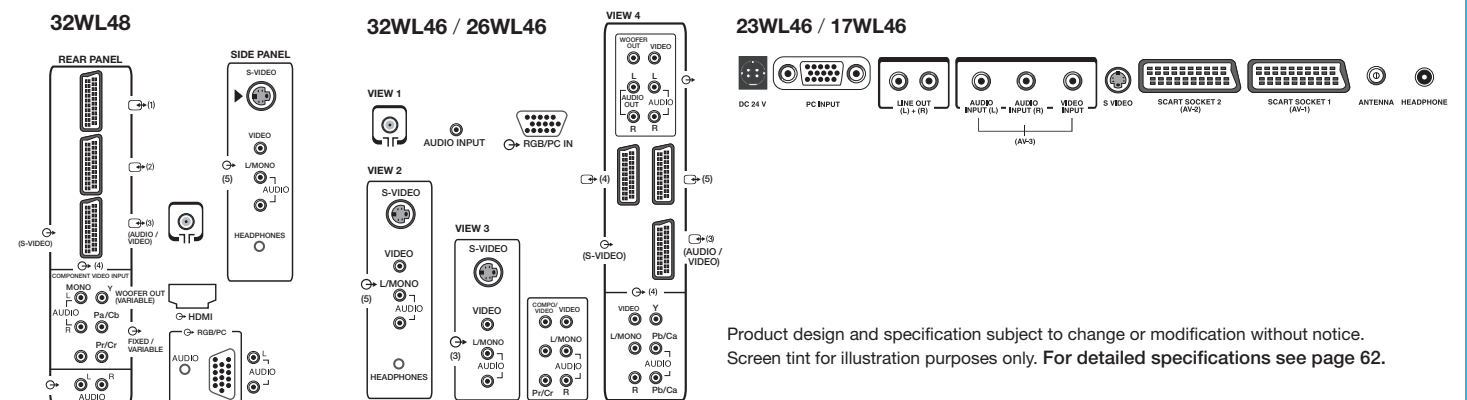
"Toshiba has produced an LCD TV offering a ratio of performance to price that puts most competitors to shame."
(17WL46)
HOME CINEMA (September 2004)

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HDMI™

HDMI™ High-definition Multimedia Interface™ is a new industry standard for connecting high definition components. HDMI™ transmits uncompressed digital video and audio content over a single cable, replacing the multiple cables required with analogue AV connections and ensuring exceptional

digital quality. HDMI™ dramatically simplifies home cinema system installation and offers numerous additional benefits including PC compatibility, automatic format adjustment, and automatic configuration of the system to turn on or off the components necessary to view a DVD, listen to a CD or watch cable or satellite TV.



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LCD TV



30WL46 – 76cm screen
Stasia **LCD** Widescreen TV

- Resolution: WXGA (1280x720 pixels)
- Contrast ratio: 600:1
- Brightness: 550cd/m²
- DVI connectivity
- Picture in Picture
- Text in Picture
- Nicam, 20W RMS
- 2 RGB SCART



27WL46 – 69cm screen
Stasia **LCD** Widescreen TV

- Resolution: WXGA (1280x720 pixels)
- Contrast ratio: 600:1
- Brightness: 550cd/m²
- DVI connectivity
- Picture in Picture
- Text in Picture
- Nicam, 20W RMS
- 2 RGB SCART



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Connection Diagram not available at time of going to press.
Refer to www.toshiba.co.uk for latest information.

Digital Video Interface

DVI is a new form of video interface technology that maximises the quality of flat panel displays. This is the new standard for connections between high-end displays and DVDs or computers.

DVI provides a fast, high-quality transfer of digital video data. With the previous 'plug and display' connection, digital signals had to be converted to analogue for transfer and re-converted prior to display.

Product design and specification subject to change or modification without notice. Screen tint for illustration purposes only.
For detailed specifications see page 62.



23WLD46 – 58cm screen
17WLD46 – 43cm screen
Stasia LCD TV / DVD

17WLT46 – 43cm screen
Stasia LCD Integrated Digital TV

LCD TV

Nicam TV with integrated DVD video player
 Resolution: WXGA (1280x768 pixels)
 Contrast ratio: 400:1
 Brightness: 450 cd/m²
 Multi-standard tuner
 Dolby Digital, DTS compatible
 Nicam, 6W RMS

Integrated digital tuner
 Resolution: WXGA (1280x768 pixels)
 Contrast ratio: 400:1
 Brightness: 450cd/m²
 Picture in Picture
 Text in Picture
 Nicam, 6W RMS



Available Spring 2005

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What is Freeview?

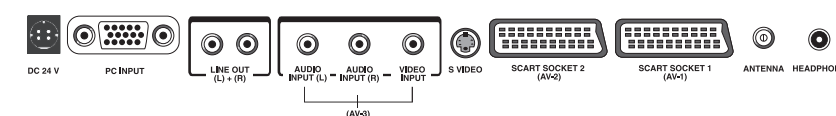


A built-in digital tuner gives you access to Freeview, the terrestrial digital television service (ie you can get it through your existing aerial) offering up to 47 channels completely free, plus a superb digital text service

and a high-tech electronic programme guide. You don't need a satellite dish, you don't need a separate digital decoder box and you don't need to pay a subscription to a broadcaster.

(For up-to-date information check www.freeview.co.uk)

23WLD46 / 17WLD46 / 17WLT46



Product design and specification subject to change or modification without notice. Screen tint for illustration purposes only. For detailed specifications see page 62.



20VL33 – 51cm screen
Stasia **LCD** 4:3 TV

Resolution: VGA (640x480 pixels)
Contrast ratio: 500:1
Brightness: 450cd/m²
Multi-standard tuner
Nicam, 6W RMS
2 SCART



14VL33 – 35cm screen
Stasia **LCD** 4:3 TV

Resolution: VGA (640x480 pixels)
Contrast ratio: 600:1
Brightness: 450cd/m²
Multi-standard tuner
Nicam, 4W RMS
SCART



20VL44 – 51cm screen
Stasia **LCD** 4:3 TV

Resolution: SVGA (800x600 pixels)
Contrast ratio: 500:1
Brightness: 500cd/m²
Multi-standard tuner
Nicam, 6W RMS
2 SCART



14VL44 – 35cm screen
Stasia **LCD** 4:3 TV

Resolution: VGA (640x480 pixels)
Contrast ratio: 600:1
Brightness: 450cd/m²
Multi-standard tuner
Nicam, 6W RMS
SCART



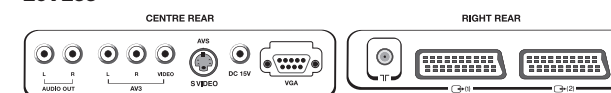
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LCD Technology

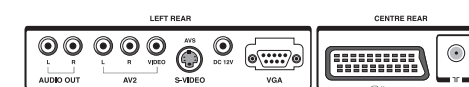
LCD or Liquid Crystal Display technology uses liquid crystal movement to produce a high resolution with superb contrast, brightness and colour depth in a lightweight, flat panel display.

Clarity and size aren't the only advantages – LCD screens also consume around 40 per cent less power than the cathode ray tube (CRT) in most conventional TVs.

20VL33



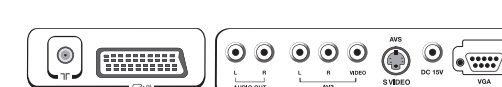
14VL33



20VL44



14VL44



Product design and specification subject to change or modification without notice. Screen tint for illustration purposes only. For detailed specifications see page 62.

Product	42WP46	32WL48	32WL46	26WL46	23WL46	17WL46	30WL46	27WL46	23WLD46	17WLD46	17WLT46	20VL33	14VL33	20VL44	14VL44
See page	7	8	9	9	9	11	11	11	13	13	13	14	15	15	15
Visible screen size (cm)	107	82	82	66	58	43	76	69	58	43	43	51	35	51	35
Screen format	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9	4:3	4:3	4:3	4:3
LCD panel	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Plasma panel	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Combi DVD	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Screen															
Brightness (cd/m ²)	1000	550	500	500	450	450	550	550	450	450	450	450	400	500	450
Contrast ratio	3000:1	600:1	800:1	800:1	400:1	400:1	600:1	600:1	400:1	400:1	400:1	500:1	600:1	500:1	600:1
Resolution (pixels)	852x480	1366x768	1366x768	1366x768	1280x768	1280x768	1280x720	1280x720	1280x768	1280x768	1280x768	640x480	640x480	800x600	640x480
Resolution (row)	WXGA	WXGA	WXGA	WXGA	WXGA	WXGA	WXGA	WXGA	WXGA	WXGA	WXGA	VGA	VGA	VGA	VGA
Reception															
Digital tuner	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Multi-standard tuner	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Number of channels	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Text with Fastext	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Picture															
Active Vision LCD	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Colour detail enhancer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Comb filter	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Crystalline	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
DNR	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Picture and picture	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Picture in picture	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Progressive scan	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Super real transient	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Super scene control	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Text in picture	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Sound															
Audio output (RMS) W	20	20	20	20	6	6	20	20	6	6	6	6	4	6	6
Nicam stereo	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Bass boost	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
BBE® high fidelity sound	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Connections															
Component video	1	1	2	2											
DVI	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
External sub woofer output	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Fixed audio output	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
HDMI™	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Headphone	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
PC compatible	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
RGB	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
SCART	3	3	3	3	2	2	2	2	2	2	2	2	1	2	1
Composite video	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
S-VHS	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Other features															
No signal off/mute	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
On/off timer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Accessories															
Floor stand	opt	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Pedestal stand	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Remote control	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Dimensions*															
Width (mm)	1274	794	819	690	588	445	817	769	588	445	445	493	358	493	358
Height (mm)	763	576	645	580	472	365	530	477	472	365	365	523	417	523	417
Depth (mm)	320	99	308	308	222	175	230	230	222	175	175	92	89	92	89
Weight (kg)	51	21.2	28.1	21	7.6	4.8	15.5	13.6	8.7	5.5	4.8	6.3	4.1	6.3	4.1

Note: 23WLD46/17WLD46 LCD TV with DVD. For DVD spec see Combi TV chart, p66. N/A: information not available at time of going to press
*Dimensions and weight with pedestal stand

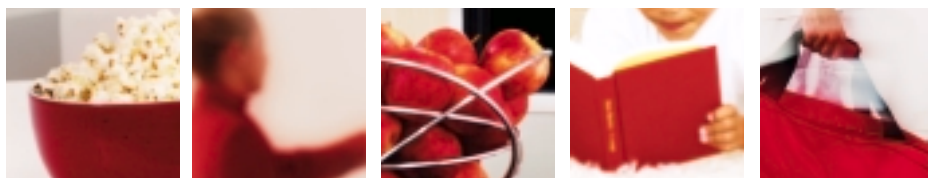
Projectors

Model	S20	ET1	MT200	MT500	MT700
See page	18	18	19	19	19
Display					
Display Type	DLP™	LCD	DLP™	DLP™	DLP™
Shape	Aspect Ratio: 4:3 (16:9 Switchable) Size: 0.55" SVGA panel x 1	16:9 (4:3 Switchable) 0.54" WVGA panel x 3	16:9 0.55" WVGA panel x 1	16:9 0.7" XGA panel x 1	16:9 0.8" WXGA panel x 1
Number Of Pixels	480,000 pixels (800x600)	409,920 pixels (854x480)	409,920 pixels (854x480)	589,824 pixels (1024x576)	921,600 pixels (1280x720)
Drive Method	DDR 12 degree (DDP2000)	Polysilicon TFT	DDR 12 degree (DDP2000)	DDR 12 degree	DDR 12 degree (DDP2000)
Contrast Ratio	2000:1	800:1	2500:1	2500:1	2000:1
Resolution	Real SVGA	WVGA	Real WVGA	Real WXGA	Real WXGA
Upgraded Video Processing	TrueVision De-Interlacing™	Faroudja DCDI™	TrueVision De-Interlacing™	Silicon Image Si504	Faroudja DCDI™, O+ Scaler
Image					
Brightness (ANSI)	1400 lm	700 lm	750 lm	700 lm	1000 lm
Lamp	160W / 135W (Eco) - TLPLV4	130W - TLPLET1	200W - TLPLMT20	210W - TLPLMT500	250W - TLPLMT70
Service Life of Lamp *	3000h / 4000h (Eco mode)	2000h / 3000h (Eco mode)	3000h (Eco Mode)	1500h	1500h
Colour Reproduction	16.7 Million Colours	16.7 Million Colours	16.7 Million Colours	16.7 Million Colours	16.7 Million Colours
Colour Wheel (DLP)	Segments (Qty): RGBW 4 Segment Speed: 2X		RGB 6 Segment 4X	RGB 6 Segment 4X	RGB 6 Segment 5X
Projection distance (m)	1.15 - 10.0m (3.7 - 32.8ft)	0.74 - 3.0m (2.4 - 10ft)	1.2 - 12.0m (3.9 - 39.3ft)	1.27 - 4.57m (4.2 - 15ft)	N/A
Picture Size (Diagonal)	0.76 - 7.62m (30 - 300")	0.8 - 3.0m (30 - 120")	0.6 - 7.36m (24 - 290")	1.8 - 7.8m (70 - 307")	N/A
Projection Method	Front, Rear, or Ceiling	Front, Rear, or Ceiling	Front, Rear, or Ceiling	Front, Rear, or Ceiling	Front, Rear, or Ceiling
Keystone Correction	Vertical: Digital +/-15 degrees Horizontal: None	Vertical: Digital +/-15 degrees Horizontal: None	Vertical: Digital +/-15 degrees Horizontal: None	Vertical: Digital +/-15 degrees Horizontal: None	Vertical: Digital +/-12 degrees Horizontal: None
Lens					
Optical zoom and Focus Methods	Manual Zoom & Focus	Digital Zoom, Manual Focus	Manual Zoom & Focus	Manual Zoom & Focus	Manual Zoom & Focus
f Value Aperture	F = 2.0 - 2.2	F = 2.3	F = 2.75 - 3.03	F = 2.67 - 3.24	F = 2.4 - 2.8
f Value Focal length (mm)	f = 18.2 - 21.84mm	f = 13.8mm	f = 22.3 - 26.76mm	f = 23.4 - 28.3mm	f = 24.0 - 32.4mm
Zoom Ratio	1.2 x	Digital x 1.25	1.2 x	1.2 x	1.35x
Throw Ratio	1.63 - 1.96:1	1.13 - 1.42:1	1.87 - 2.25:1	1.64 - 1.96:1	N/A
Signal					
Compatible Frequency					
Horizontal (kHz)	15 - 93kHz	15 - 93kHz	15 - 93kHz	15 - 70kHz	20 - 88kHz
Vertical (Hz)	50 - 85Hz	50 - 85Hz	50 - 85Hz	50 - 100Hz	28 - 100Hz
Input Signals	Video Signal: NTSC / PAL / SECAM Colour Difference: 480i/480p/576i/576p/1080i/720p RGB Real Display: VGA / SVGA RGB Compressed: XGA / SXGA / UXGA	Video Signal: NTSC / PAL / SECAM HDTV & DTV, DVD VGA SVGA / XGA	Video Signal: NTSC / PAL / SECAM 480i/480p/576i/576p/1080i/720p VGA SVGA / XGA / SXGA	Video Signal: NTSC / PAL / SECAM HDTV & DTV, DVD (incl. 576p) VGA / SVGA SVGA / XGA / SXGA / UXGA	Video Signal: NTSC / PAL / SECAM 480i/480p/576i/576p/1080i/720p VGA / SVGA XGA / SXGA / UXGA
Terminals					
Input	Video Signal: 1x RCA, 1x S-Video, Component Video (via D-Sub 15) Computer Signal: 2 x RGB Audio Signal: 1 x Stereo Mini Jack, 2 x RCA Control and Other: RS232C (mini DIN8 pin)	Video Signal: 1 x SCART, 1x RCA, 1x S-Video, 1 x RCA Component Computer Signal: 1 x RGB Audio Signal: 1 x RCA (L/R) Control and Other: RS232C (mini DIN8 pin)	Video Signal: 1x RCA Composite, 1x S-Video, 1x RCA Component Computer Signal: 1x DVI, 1 x RGB Audio Signal: None Control and Other: RS232C (mini DIN8 pin)	Video Signal: 1x RCA, 1x S-Video, 2x RCA Component Computer Signal: 1x DVI, RGB via adapter Audio Signal: None Control and Other: RS232C (mini DIN8 pin)	Video Signal: 1x RCA, 1x S-Video, 2x RCA Component, 5x BNC RGB, 1x HDMI Computer Signal: 1x RGB Audio Signal: None Control and Other: RS232C (mini DIN8 pin)
Output	1 x RGB, 1x Stereo Mini Jack	None	None	None	None
General					
Operating Noise	32dB (Eco)	28 dB (Eco)	32dB (Eco)	32dB	29db (Eco)
Embedded Speaker	1W Mono	2 x 5w	None	None	None
Weight (kg)	3.0kg	3.5kg	2.88kg	3.2kg	4.5kg
Dimensions W x D x H	285 x 254 x98	320 x 320 x 131	298 x 101 x 275	308 x 108 x 290	380 x 115 x 300
Power source	AC100-240V, 50 / 60Hz	AC100-240V, 50 / 60Hz	AC100-240V, 50 / 60Hz	AC100-240V, 50 / 60Hz	AC100-240V, 50 / 60Hz
Power Consumption (W)	230W	220W	263W	300W	N/A
Security	Kensington Slot	Kensington Slot	Kensington Slot	Kensington Slot	Kensington Slot
Warranty	Projector: 3 Year RTB Lamp: 90 Days	2 Year RTB 90 Days	2 Year RTB 90 Days	2 Year RTB 90 Days	2 Year RTB 90 Days
Key Features	Integrated Scaler / De-interlacer Dual Component inputs via RGB Switchable 16:9 and 4:3 formats Audio In and Out One Button Auto-Setup Long Lamp Life Eco Mode Ideal for both Video and Data Auto Input search	Extreme Value for Money Faroudja DCDI™ SCART (inc. SCART RGB) Very Quiet 28dB True 16:9 panel Virtual Surround Sound Short Throw Lens Supports 480i, 480p, 576i, 576p, 1080i and 720p video signals	TrueVision De-Interlacing™ Toshiba 10 bit video Decoder Very High Contrast Ratio True 16:9 Wide Screen Dynamic, Standard, Cinema modes RGB Component input Light Accumulation type Remote Auto-Image setup All Digital projector solution	Silicon Image Si504 De-Interlacer O+ Scaler Very High Contrast Ratio True 16:9 Widescreen PAL Optimised, 576p RGB Component input Back-lit Remote Auto-Image setup Very Quiet	O+ Scaler Faroudja DCDI™ De-Interlacer 6-segment colour wheel, 5 speed True 16:9 Wide Screen 720p High Definition ready HDMI™ all Digital Solution 5x BNC RGB input 2 x RGB Component input Auto calibration
Box Contents	Operating manual & CD-ROM, 3m RGB lead, Power cable, Remote control, Batteries, Dust cover	Operating manual, RCA and Power cables, Remote control, Batteries, CD-ROM	Operating manual, RCA, S-Video and Power cables, Remote control, Batteries	Operating manual, RCA, Audio, RS232C and Power cables, Remote control, Batteries, DVI to RGB Cable	Operating manual, Power cable, Remote control

*Actual lamp life may vary based on ambient environment, E & OE, subject to change without notice N/A: Information not available at time of going to press

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